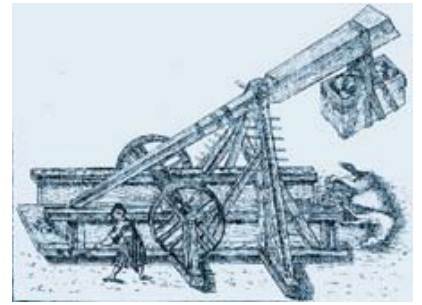


Trebuchet Toss

Use this worksheet to evaluate your team's results in the Trebuchet Toss Lesson:



1. Did you succeed in creating a trebuchet that could launch a marshmallow to accurately land on a target? If so, what was the maximum distance achieved? If not, why did it fail?
2. Did you decide to revise your original design while in the construction phase? Why?
3. Did you negotiate any material trades with other teams? How did that process work for you?
4. If you could have had access to materials that were different than those provided, what would your team have requested? Why?
5. Do you think that engineers have to adapt their original plans during the construction of systems or products? Why might they?
6. If you had to do it all over again, how would your planned design change? Why?

7. What designs or methods did you see other teams try that you thought worked well?
8. Do you think you would have been able to complete this project easier if you were working alone? Explain...
9. How might you measure the maximum height your trebuchet could launch a marshmallow? Try it!
10. What drawback and advantages does the trebuchet have in battle?